WHAT IS CLAIMED IS:

- A light emitting device comprising a thin film transistor and a capacitor storage,
- wherein the capacitor storage has a connection wiring line, a capacitance wiring line, and an insulating film formed between the connection wiring line and the capacitance wiring line, the connection wiring line being formed on an interlayer insulating film that covers a gate electrode of the thin film transistor,

wherein the connection wiring line is connected to a source region or a drain region of the thin film transistor.

- A light emitting device as claimed in any one of claim 1, wherein the insulating film is formed by anodization.
- 3. A light emitting device as claimed in any one of claims 1, wherein the connection wiring line and the pixel electrode are formed from the same conductive film.
- 4. An electric appliance comprising the light emitting device according to claim 1, wherein the electronic appliance is selected from the group consisting of an organic light emitting diode display, a digital still camera, a notebook personal computer, a mobile computer, a portable image reproducing device, a goggle type display, a video camera, and a cellular phone.
- A light emitting device comprising a thin film transistor and a capacitor
 storage,

wherein the capacitor storage has a connection wiring line, a capacitance wiring line, and an insulating film formed between the connection wiring line and the capacitance wiring line, the connection wiring line being formed on an interlayer insulating film that covers a gate electrode of the thin film transistor,

30 wherein the connection wiring line is connected to a source region or a drain

region of the thin film transistor, and

wherein the connection wiring line overlaps an active layer of the thin film transistor.

- 6. A light emitting device as claimed in any one of claim 5, wherein the insulating film is formed by anodization.
 - 7. A light emitting device as claimed in any one of claim 5, wherein the connection wiring line and the pixel electrode are formed from the same conductive film.
- 8. An electric appliance comprising the light emitting device according to claim 5, wherein the electronic appliance is selected from the group consisting of an organic light emitting diode display, a digital still camera, a notebook personal computer, a mobile computer, a portable image reproducing device, a goggle type display, a video camera, and a cellular phone.
 - A light emitting device comprising a thin film transistor, a capacitor storage, and an organic light emitting diode,
- wherein the capacitor storage has a connection wiring line, a capacitance
 wiring line, and an insulating film formed between the connection wiring line and the
 capacitance wiring line, the connection wiring line being formed on an interlayer insulating
 film that covers a gate electrode of the thin film transistor, the capacitance wiring line
 being formed on the same interlayer insulating film on which a pixel electrode of the
 organic light emitting diode is formed,
- 25 wherein the connection wiring line is connected to a source region or a drain region of the thin film transistor.
 - 10. A light emitting device as claimed in any one of claim 9, wherein the insulating film is formed by anodization.

- 11. A light emitting device as claimed in any one of claim 9, wherein the connection wiring line and the pixel electrode are formed from the same conductive film.
- 12. An electric appliance comprising the light emitting device according to 5 claim 9, wherein the electronic appliance is selected from the group consisting of an organic light emitting diode display, a digital still camera, a notebook personal computer. a mobile computer, a portable image reproducing device, a goggle type display, a video camera, and a cellular phone.
- 10 13. A light emitting device comprising a thin film transistor, a capacitor storage, and an organic light emitting diode,

wherein the capacitor storage has a connection wiring line, a capacitance wiring line, and an insulating film formed between the connection wiring line and the capacitance wiring line, the connection wiring line being formed on an interlayer insulating film that covers a gate electrode of the thin film transistor, the capacitance wiring line being formed on the same interlayer insulating film on which a pixel electrode of the organic light emitting diode is formed,

wherein the connection wiring line is connected to a source region or a drain region of the thin film transistor,

wherein the luminance of the organic light emitting diode is controlled by an analog video signal.

- 14. A light emitting device as claimed in any one of claim 13, wherein the insulating film is formed by anodization.
- 15. A light emitting device as claimed in any one of claim 13. wherein the connection wiring line and the pixel electrode are formed from the same conductive film.
- 16. An electric appliance comprising the light emitting device according to 30 claim 13, wherein the electronic appliance is selected from the group consisting of an

organic light emitting diode display, a digital still camera, a notebook personal computer, a mobile computer, a portable image reproducing device, a goggle type display, a video camera, and a cellular phone.

17. A light emitting device comprising a source line, a power supply line, a switching thin film transistor, a driving thin film transistor, a capacitor storage, and an organic light emitting diode,

wherein the switching thin film transistor has a source region and a drain region one of which is connected to the source line and the other of which is connected to a gate electrode of the driving thin film transistor through a connection wiring line,

wherein the driving thin film transistor has a source region and a drain region one of which is connected to the power supply line and the other of which is connected to a pixel electrode of the organic light emitting diode,

wherein the connection wiring line is formed on an interlayer insulating film 15 that covers a gate electrode of the switching thin film transistor,

wherein the capacitor storage has the connection wiring line, a capacitance wiring line, and an insulating film formed between the connection wiring line and the capacitance wiring line.

- 18. A light emitting device as claimed in any one of claim 17, wherein the insulating film is formed by anodization.
 - 19. A light emitting device as claimed in any one of claim 17, wherein the connection wiring line and the pixel electrode are formed from the same conductive film.
- 20. An electric appliance comprising the light emitting device according to claim 17, wherein the electronic appliance is selected from the group consisting of an organic light emitting diode display, a digital still camera, a notebook personal computer. a mobile computer, a portable image reproducing device, a goggle type display. a video camera, and a cellular phone.

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21. A light emitting device having a source line, a power supply line, a switching thin film transistor, a driving thin film transistor, a capacitor storage, and an organic light emitting diode,

wherein the switching thin film transistor has a source region and a drain region one of which is connected to the source line and the other of which is connected to a gate electrode of the driving thin film transistor through a connection wiring line,

wherein the driving thin film transistor has a source region and a drain region one of which is connected to the power supply line and the other of which is connected to a pixel electrode of the organic light emitting diode,

wherein the connection wiring line is formed on an interlayer insulating film that covers a gate electrode of the switching thin film transistor,

wherein the capacitor storage has a capacitance electrode, the power supply line, and an insulating film formed between the capacitance electrode and the power supply line, the capacitance electrode being formed of the same conductive film as the gate electrode of the driving thin film transistor.

- 22. A light emitting device as claimed in any one of claim 21, wherein the insulating film is formed by anodization.
- 23. A light emitting device as claimed in any one of claim 21, wherein the connection wiring line and the pixel electrode are formed from the same conductive film.
- 24. An electric appliance comprising the light emitting device according to claim 21, wherein the electronic appliance is selected from the group consisting of an organic light emitting diode display, a digital still camera, a notebook personal computer, a mobile computer, a portable image reproducing device, a goggle type display, a video camera, and a cellular phone.
 - 25. A light emitting device having a source line, a power supply line, a

switching thin film transistor, a driving thin film transistor, a capacitor storage, and an organic light emitting diode,

wherein the switching thin film transistor has a source region and a drain region one of which is connected to the source line and the other of which is connected to a gate electrode of the driving thin film transistor through a connection wiring line,

wherein the driving thin film transistor has a source region and a drain region one of which is connected to the power supply line and the other of which is connected to a pixel electrode of the organic light emitting diode,

wherein the connection wiring line is formed on an interlayer insulating film
that covers a gate electrode of the switching thin film transistor,

wherein the capacitor storage has the connection wiring line, a capacitance wiring line, and an insulating film formed between the connection wiring line and the capacitance wiring line, and

wherein the connection wiring line overlaps an active layer of the switching thin film transistor.

- 26. A light emitting device as claimed in any one of claim 25, wherein the insulating film is formed by anodization.
- 20 27. A light emitting device as claimed in any one of claim 25, wherein the connection wiring line and the pixel electrode are formed from the same conductive film.
- 28. An electric appliance comprising the light emitting device according to claim 25, wherein the electronic appliance is selected from the group consisting of an 25 organic light emitting diode display, a digital still camera, a notebook personal computer, a mobile computer, a portable image reproducing device, a goggle type display, a video camera, and a cellular phone.
- 29. A light emitting device having a source line, a power supply line, a switching thin film transistor, a driving thin film transistor, a capacitor storage, and an

organic light emitting diode,

wherein the switching thin film transistor has a source region and a drain region one of which is connected to the source line and the other of which is connected to a gate electrode of the driving thin film transistor through a connection wiring line,

wherein the driving thin film transistor has a source region and a drain region one of which is connected to the power supply line and the other of which is connected to a pixel electrode of the organic light emitting diode,

wherein the connection wiring line is formed on an interlayer insulating film that covers a gate electrode of the switching thin film transistor,

wherein the capacitor storage has a capacitance electrode, the power supply line, and an insulating film formed between the capacitance electrode and the power supply line, the capacitance electrode being formed of the same conductive film as the gate electrode of the driving thin film transistor, and

wherein the connection wiring line overlaps an active layer of the switching thin film transistor.

- 30. A light emitting device as claimed in any one of claim 29, wherein the insulating film is formed by anodization.
- 31. A light emitting device as claimed in any one of claim 29, wherein the connection wiring line and the pixel electrode are formed from the same conductive film.
- 32. An electric appliance comprising the light emitting device according to claim 29, wherein the electronic appliance is selected from the group consisting of an organic light emitting diode display, a digital still camera, a notebook personal computer, a mobile computer, a portable image reproducing device, a goggle type display, a video camera, and a cellular phone.
- 33. A light emitting device having a source line, a power supply line, a switching thin film transistor, a driving thin film transistor, a capacitor storage, and an

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organic light emitting diode,

wherein the switching thin film transistor has a source region and a drain region one of which is connected to the source line and the other of which is connected to a gate electrode of the driving thin film transistor through a connection wiring line,

wherein the driving thin film transistor has a source region and a drain region one of which is connected to the power supply line and the other of which is connected to a pixel electrode of the organic light emitting diode,

wherein the connection wiring line is formed on an interlayer insulating film that covers a gate electrode of the switching thin film transistor,

wherein the capacitor storage has the connection wiring line, a capacitance wiring line, and an insulating film formed between the connection wiring line and the capacitance wiring line,

wherein a drain current of the driving thin film transistor is controlled by an analog video signal inputted to the source line and the drain current flows into the organic light emitting diode.

- 34. A light emitting device as claimed in any one of claim 33, wherein the insulating film is formed by anodization.
- 35. A light emitting device as claimed in any one of claim 33, wherein the connection wiring line and the pixel electrode are formed from the same conductive film.
- 36. An electric appliance comprising the light emitting device according to claim 33, wherein the electronic appliance is selected from the group consisting of an 25 organic light emitting diode display, a digital still camera, a notebook personal computer, a mobile computer, a portable image reproducing device, a goggle type display, a video camera, and a cellular phone.
- 37. A light emitting device having a source line, a power supply line. a 30 switching thin film transistor, a driving thin film transistor, a capacitor storage, and an

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organic light emitting diode,

wherein the switching thin film transistor has a source region and a drain region one of which is connected to the source line and the other of which is connected to a gate electrode of the driving thin film transistor through a connection wiring line,

wherein the driving thin film transistor has a source region and a drain region one of which is connected to the power supply line and the other of which is connected to a pixel electrode of the organic light emitting diode,

wherein the connection wiring line is formed on an interlayer insulating film that covers a gate electrode of the switching thin film transistor,

wherein the capacitor storage has a capacitance electrode, the power supply line, and an insulating film that between the capacitance electrode and the power supply line, the capacitance electrode being formed of the same conductive film as the gate electrode of the driving thin film transistor, and

wherein a drain current of the driving thin film transistor is controlled by an analog video signal inputted to the source line and the drain current flows into the organic light emitting diode.

- 38. A light emitting device as claimed in any one of claim 37. wherein the insulating film is formed by anodization.
- 39. A light emitting device as claimed in any one of claim 37, wherein the connection wiring line and the pixel electrode are formed from the same conductive film.
- 40. An electric appliance comprising the light emitting device according to 25 claim 37, wherein the electronic appliance is selected from the group consisting of an organic light emitting diode display, a digital still camera, a notebook personal computer. a mobile computer, a portable image reproducing device, a goggle type display. a video camera, and a cellular phone.
 - 41. A light emitting device having a source line, a power supply line, a

switching thin film transistor, a driving thin film transistor, a first capacitor storage, a second capacitor storage, and an organic light emitting diode,

wherein the switching thin film transistor has a source region and a drain region one of which is connected to the source line and the other of which is connected to a gate electrode of the driving thin film transistor through a connection wiring line,

wherein the driving thin film transistor has a source region and a drain region one of which is connected to the power supply line and the other of which is connected to a pixel electrode of the organic light emitting diode,

wherein the connection wiring line is formed on an interlayer insulating film
that covers a gate electrode of the switching thin film transistor,

wherein the first capacitor storage has the connection wiring line, a capacitance wiring line, and a first insulating film formed between the connection wiring line and the capacitance wiring line,

wherein the second capacitor storage has a capacitance electrode, a

15 semiconductor layer, and a second insulating film formed between the capacitance
electrode and the semiconductor layer, the capacitance electrode being formed of the same
conductive film as the gate electrode of the driving thin film transistor, and the
semiconductor layer being formed at the same time active layers of the switching thin film
transistor and the driving thin film transistor are formed.

42. A light emitting device as claimed in any one of claim 41, wherein the insulating film is formed by anodization.

43. A light emitting device as claimed in any one of claim 41, wherein the 25 connection wiring line and the pixel electrode are formed from the same conductive film.

44. An electric appliance comprising the light emitting device according to claim 41, wherein the electronic appliance is selected from the group consisting of an organic light emitting diode display, a digital still camera, a notebook personal computer, a mobile computer, a portable image reproducing device, a goggle type display, a video

camera, and a cellular phone.

45. A light emitting device having a source line. a power supply line, a switching thin film transistor, a driving thin film transistor, a first capacitor storage, a second capacitor storage, and an organic light emitting diode,

wherein the switching thin film transistor has a source region and a drain region one of which is connected to the source line and the other of which is connected to a gate electrode of the driving thin film transistor through a connection wiring line,

wherein the driving thin film transistor has a source region and a drain region
one of which is connected to the power supply line and the other of which is connected to a
pixel electrode of the organic light emitting diode,

wherein the connection wiring line is formed on an interlayer insulating film that covers a gate electrode of the switching thin film transistor,

wherein the first capacitor storage has the connection wiring line, a capacitance

wiring line, and an insulating film formed between the connection wiring line and the
capacitance wiring line,

wherein the second capacitor storage has a capacitance electrode, the power supply line, and the interlayer insulating film formed between the capacitance electrode and the power supply line, the capacitance electrode being formed of the same conductive film as the gate electrode of the driving thin film transistor.

- 46. A light emitting device as claimed in any one of claim 45, wherein the insulating film is formed by anodization.
- 47. A light emitting device as claimed in any one of claim 45, wherein the connection wiring line and the pixel electrode are formed from the same conductive film.
- 48. An electric appliance comprising the light emitting device according to claim 45, wherein the electronic appliance is selected from the group consisting of an organic light emitting diode display, a digital still camera, a notebook personal computer. a

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mobile computer, a portable image reproducing device, a goggle type display, a video camera, and a cellular phone.

49. A light emitting device having a source line, a power supply line, a switching thin film transistor, a driving thin film transistor, a first capacitor storage, a second capacitor storage, and an organic light emitting diode,

wherein the switching thin film transistor has a source region and a drain region one of which is connected to the source line and the other of which is connected to a gate electrode of the driving thin film transistor through a connection wiring line,

wherein the driving thin film transistor has a source region and a drain region one of which is connected to the power supply line and the other of which is connected to a pixel electrode of the organic light emitting diode,

wherein the connection wiring line is formed on an interlayer insulating film that covers a gate electrode of the switching thin film transistor,

wherein the first capacitor storage has the connection wiring line, a capacitance wiring line, and a first insulating film formed between the connection wiring line and the capacitance wiring line,

wherein the second capacitor storage has a capacitance electrode, a semiconductor layer, and a second insulating film formed between the capacitance 20 electrode and the semiconductor layer, the capacitance electrode being formed of the same conductive film as the gate electrode of the driving thin film transistor, the semiconductor layer being formed at the same time active layers of the switching thin film transistor and the driving thin film transistor are formed, and

wherein the connection wiring line overlaps the active layer of the switching thin film transistor.

- 50. A light emitting device as claimed in any one of claim 49. wherein the insulating film is formed by anodization.
 - 51. A light emitting device as claimed in any one of claim 49. wherein the

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connection wiring line and the pixel electrode are formed from the same conductive film.

- 52. An electric appliance comprising the light emitting device according to claim 49, wherein the electronic appliance is selected from the group consisting of an 5 organic light emitting diode display, a digital still camera, a notebook personal computer, a mobile computer, a portable image reproducing device, a goggle type display, a video camera, and a cellular phone.
- 53. A light emitting device having a source line, a power supply line, a switching thin film transistor, a driving thin film transistor, a first capacitor storage, a second capacitor storage, and an organic light emitting diode,

wherein the switching thin film transistor has a source region and a drain region one of which is connected to the source line and the other of which is connected to a gate electrode of the driving thin film transistor through a connection wiring line,

wherein the driving thin film transistor has a source region and a drain region one of which is connected to the power supply line and the other of which is connected to a nixel electrode of the organic light emitting diode,

wherein the connection wiring line is formed on an interlayer insulating film that covers a gate electrode of the switching thin film transistor,

wherein the first capacitor storage has the connection wiring line, a capacitance wiring line, and an insulating film formed between the connection wiring line and the capacitance wiring line,

wherein the second capacitor storage has a capacitance electrode, the power supply line, and the interlayer insulating film formed between the capacitance electrode and the power supply line, the capacitance electrode being formed of the same conductive film as the gate electrode of the driving thin film transistor,

wherein the connection wiring line overlaps the active layer of the switching thin film transistor.

54. A light emitting device as claimed in any one of claim 53, wherein the

insulating film is formed by anodization.

55. A light emitting device as claimed in any one of claim 53, wherein the connection wiring line and the pixel electrode are formed from the same conductive film.

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56. An electric appliance comprising the light emitting device according to claim 53, wherein the electronic appliance is selected from the group consisting of an organic light emitting diode display, a digital still camera, a notebook personal computer, a mobile computer, a portable image reproducing device, a goggle type display, a video camera, and a cellular phone.

57. A light emitting device having a source line, a power supply line, a switching thin film transistor, a driving thin film transistor, a first capacitor storage, a second capacitor storage, a third capacitor storage, and an organic light emitting diode,

wherein the switching thin film transistor has a source region and a drain region one of which is connected to the source line and the other of which is connected to a gate electrode of the driving thin film transistor through a connection wiring line,

wherein the driving thin film transistor has a source region and a drain region
one of which is connected to the power supply line and the other of which is connected to a

pixel electrode of the organic light emitting diode,

wherein the connection wiring line is formed on an interlayer insulating film that covers a gate electrode of the switching thin film transistor,

wherein the first capacitor storage has the connection wiring line, a capacitance wiring line, and a first insulating film formed between the connection wiring line and the 25 capacitance wiring line,

wherein the second capacitor storage has a capacitance electrode, a semiconductor layer, and a second insulating film formed between the capacitance electrode and the semiconductor layer, the capacitance electrode being formed of the same conductive film as the gate electrode of the driving thin film transistor, the semiconductor layer being formed at the same time active layers of the switching thin film transistor and

the driving thin film transistor are formed,

wherein the third capacitor storage has the capacitance electrode, the power supply line, and the interlayer insulating film formed between the capacitance electrode and the power supply line.

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- 58. A light emitting device as claimed in any one of claim 57, wherein the insulating film is formed by anodization.
- 59. A light emitting device as claimed in any one of claim 57, wherein the connection wiring line and the pixel electrode are formed from the same conductive film.
- 60. An electric appliance comprising the light emitting device according to claim 57, wherein the electronic appliance is selected from the group consisting of an organic light emitting diode display, a digital still camera, a notebook personal computer, a mobile computer, a portable image reproducing device, a goggle type display, a video camera, and a cellular phone.
- 61. A light emitting device having a source line, a power supply line, a switching thin film transistor, a driving thin film transistor, a first capacitor storage, a second capacitor storage, a third capacitor storage, and an organic light emitting diode,

wherein the switching thin film transistor has a source region and a drain region one of which is connected to the source line and the other of which is connected to a gate electrode of the driving thin film transistor through a connection wiring line,

wherein the driving thin film transistor has a source region and a drain region
25 one of which is connected to the power supply line and the other of which is connected to a
pixel electrode of the organic light emitting diode,

wherein the connection wiring line is formed on an interlayer insulating film that covers a gate electrode of the switching thin film transistor,

wherein the first capacitor storage has the connection wiring line, a capacitance 30 wiring line, and a first insulating film formed between the connection wiring line and the

capacitance wiring line,

wherein the second capacitor storage has a capacitance electrode, a semiconductor layer, and a second insulating film formed between the capacitance electrode and the semiconductor layer, the capacitance electrode being formed of the same 5 conductive film as the gate electrode of the driving thin film transistor, the semiconductor layer being formed at the same time active layers of the switching thin film transistor and the driving thin film transistor are formed.

wherein the third capacitor storage has the capacitance electrode, the power supply line, and the interlayer insulating film formed between the capacitance electrode of and the power supply line, and

wherein the connection wiring line overlaps the active layer of the switching thin film transistor.

- 62. A light emitting device as claimed in any one of claim 61, wherein the insulating film is formed by anodization.
 - 63. A light emitting device as claimed in any one of claim 61, wherein the connection wiring line and the pixel electrode are formed from the same conductive film.
- 64. An electric appliance comprising the light emitting device according to claim 61, wherein the electronic appliance is selected from the group consisting of an organic light emitting diode display, a digital still camera, a notebook personal computer, a mobile computer, a portable image reproducing device, a goggle type display, a video camera, and a cellular phone.

65. A light emitting device comprising a plurality of pixels each having a thin film transistor and a capacitor storage,

wherein all of capacitor storages of the plurality of pixels share one capacitance wiring line,

30 wherein each of capacitor storages of the plurality of pixels has a connection

wiring line and an insulating film, the connection wiring line being formed on an interlayer insulating film that covers a gate electrode of the thin film transistor, the insulating film being formed between the connection wiring line and the one capacitance wiring line,

wherein the connection wiring line is connected to a source region or a drain segion of the thin film transistor, and

wherein the one capacitance wiring line overlaps an active layer of the thin film transistor of each of the plurality of pixels.

- 66. A light emitting device as claimed in any one of claim 65, wherein the insulating film is formed by anodization.
 - 67. A light emitting device as claimed in any one of claim 65, wherein the connection wiring line and the pixel electrode are formed from the same conductive film.
 - 68. An electric appliance comprising the light emitting device according to claim 65, wherein the electronic appliance is selected from the group consisting of an organic light emitting diode display, a digital still camera, a notebook personal computer, a mobile computer, a portable image reproducing device, a goggle type display, a video camera, and a cellular phone.

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